

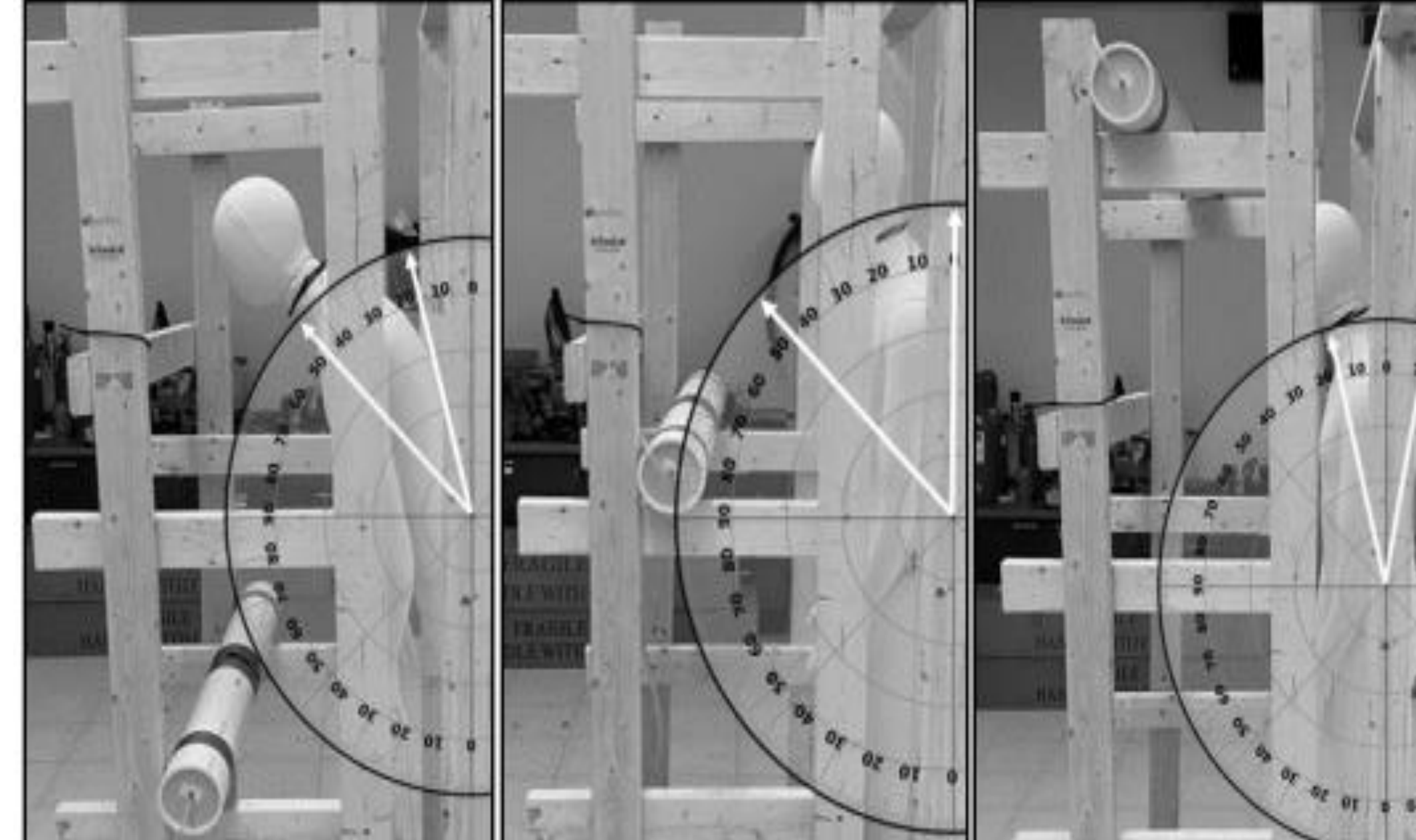
Building off UC prior research

Eturki (2019)



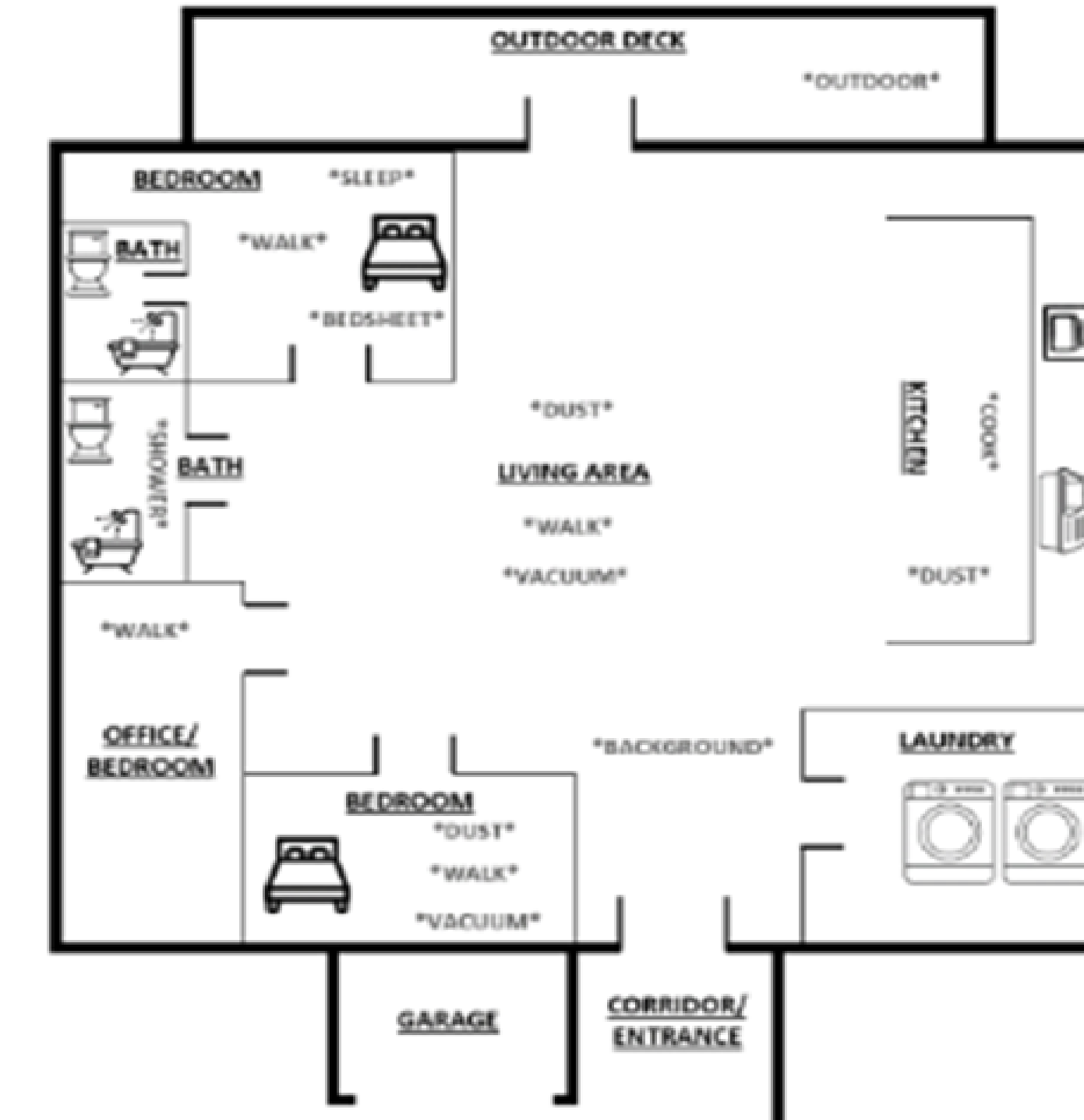
Wind affects exposure

Whitehead 2020



Distance to source of pollutant

Vishal (2022)



HHCWs exposed to bioaerosols

Significance:

What if we are underestimating dose?

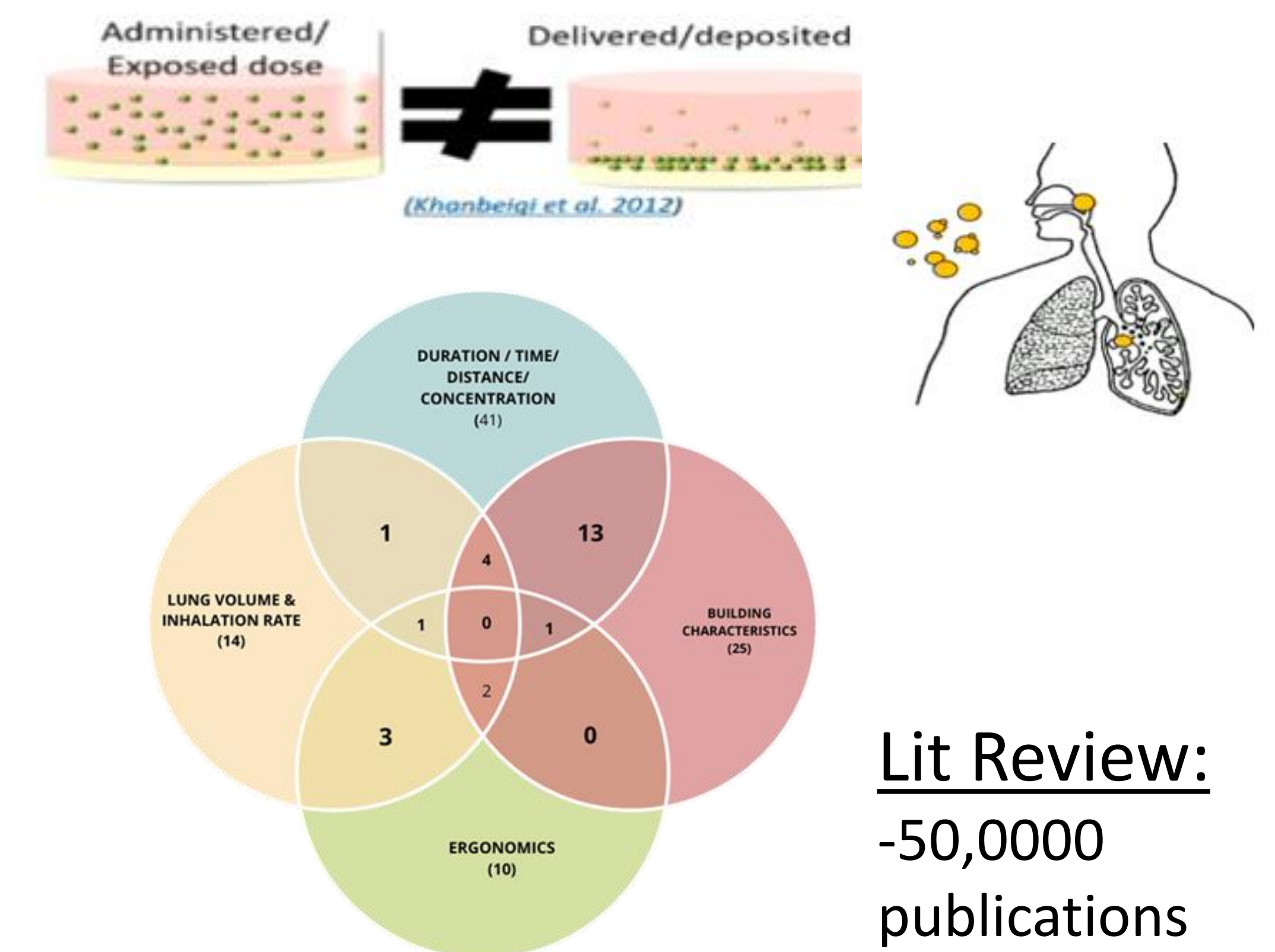


Figure 2. Venn diagram of Search Results on Exposure Factors

7 postures

Intensity of work

Approach

(30 subjects)

Dependent variables



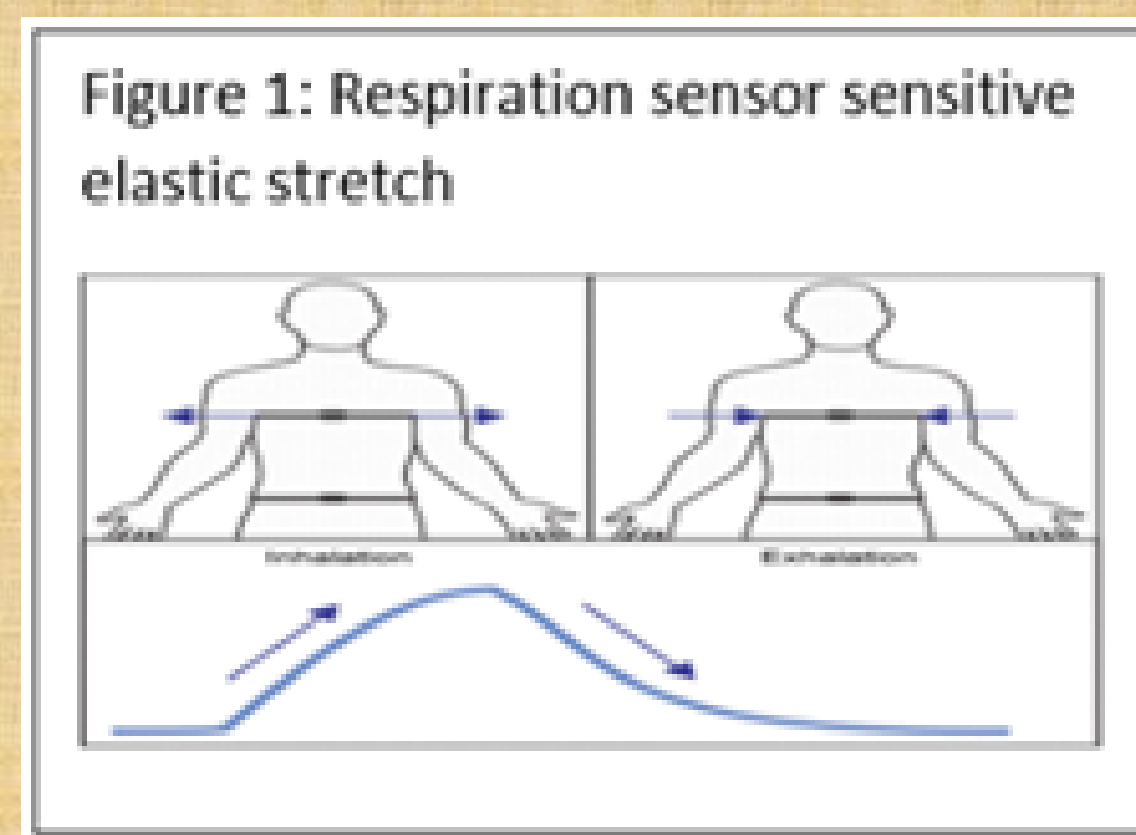
+



Independent variables



Lung volume



Rib cage expansion



Varies physiological parameters

Expected Results: Intensity of work will have the most significance

Acknowledgements

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Researcher:

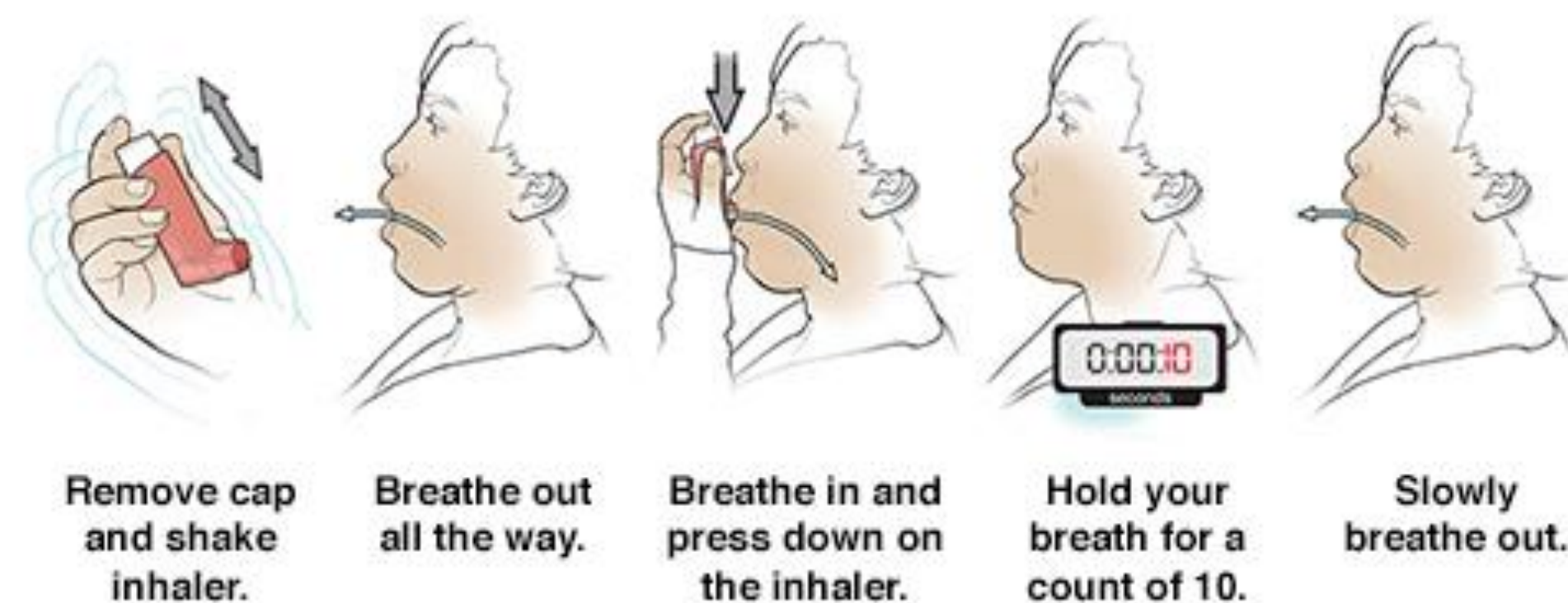


Ryan Bellacov

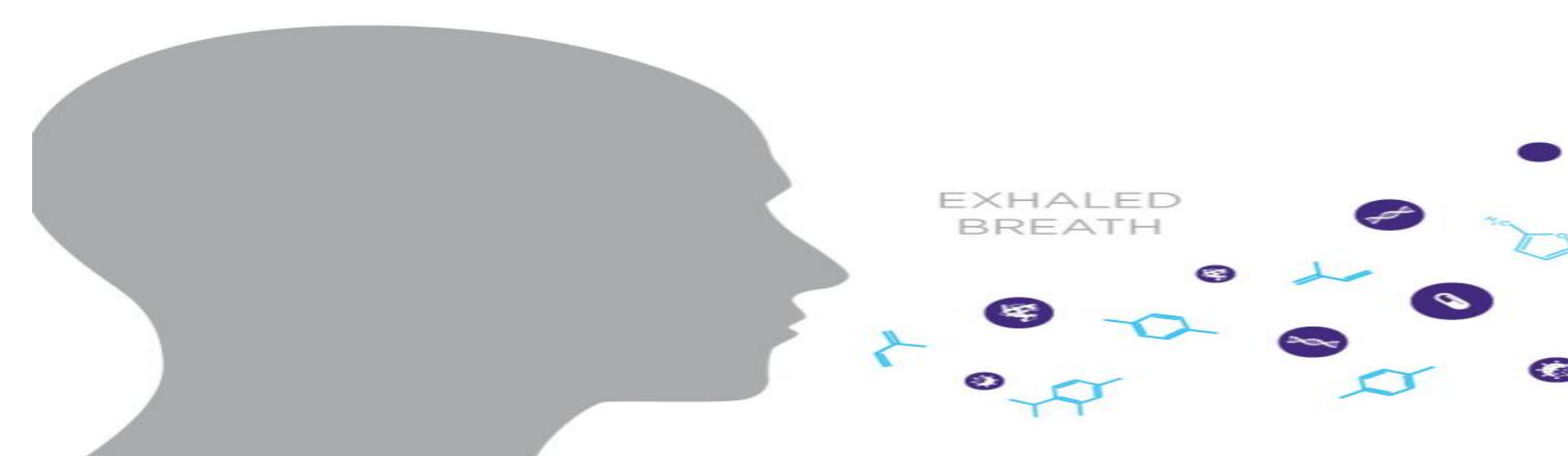
Ph.D. candidate at University of Cincinnati

Verify and estimate the dose

Research to Practice (Expanding into Future)



Exposure to the HHCW with inhaler?



References

